

Separation of isocyanates from a reaction mixture

Abstract

5

The present invention relates to a process for preparing isocyanates by reaction of amines with phosgene in a reactor and subsequent separation of the isocyanate from the reaction mixture leaving the reactor and purification of the isocyanate, wherein

10 the separation and purification of the isocyanate is carried out in a column having a pressure at the top of 1-950 mbar, preferably 5-50 mbar, particularly preferably 10-20 mbar, and a temperature at the bottom of 90-250°C, preferably 120-170°C, particularly preferably 130-150°C, and the pure isocyanate stream

15 is preferably taken off in liquid or gaseous form at a side offtake of the column.

20

25

30

35

40

45